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CERTIFICATE OF MAILING

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Date: 8-8-03

Richard T. Lyon

PATENT
Microsoft Docket No. 300176.1
L&H No. MCS-031-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Tashev	Group Art Unit:: Unknown
Entitled: SYSTEM AND PROCESS FOR CALIBRATING A MICROPHONE ARRAY	Examiner: Unknown
Serial No.: 10/627,048	
Filing Date: July 25, 2003	

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

Furthermore, no admission is being made that these documents are prior art, and applicant reserves the right to challenge any such conclusion.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the manual of Patent Examining Procedures, section 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed unless indicated otherwise. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

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Respectfully submitted

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In place of Form PTO-1449

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DOCKET NO.: MCS-031-03	SERIAL NO.: 10/627,048
INVENTOR: Tashev	
FILING DATE: July 25, 2003	GROUP: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial	Ref.	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS *(Including Author, Title, Date. Pertinent Pages, Etc.)*

	A1	Feder, M., and E. Weinstenin, Parameter estimation of superimposed signals system using EM algorithm, *IEEE Trans. Acoustic, Speech and Sig. Proc.,* vol. ASSP-36, 1988, pp. 477-490.
	A2	Nordholm, S., I. Claesson, M. Dahl, Adaptive microphone array employing calibration signals. An analytical evaluation, *IEEE Trans. on Speech and Audio Processing,* vol. 7 no. 3, May 1999, pp. 241-252.
	A3	Seltzer, M., B. Raj, Calibration of microphone arrays for improved speech recognition, *Mitsubishi Research Laboratories,* TR-2002-43, December 2001.
	A4	Teutsch, H., and G. Elko, An adaptive close-talking microphone array, *IEEE Workshop on Applications of Signal Processing to Audio Acoustics,* New York, 2001.
	A5	Wu, H., Y. Jia, Z. Bao, Direction finding and array calibration based on maximal set of nonredundant cumulants, *Proceedings of ICASSP '96.*

EXAMINER:	DATE CONSIDERED:

*EXAMINER: Initial if any reference considered, whether or not the citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.